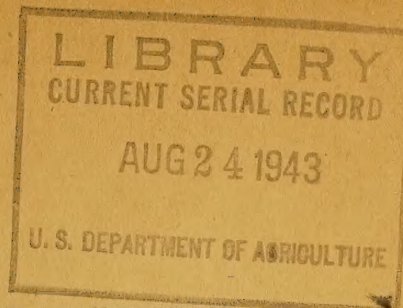


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UNITED STATES DEPARTMENT OF AGRICULTURE

RURAL ELECTRIFICATION ADMINISTRATION

INDUSTRIAL POWER SECTION, DESIGN & CONSTRUCTION DIVISION

ST. LOUIS, MISSOURI

GENERAL SUMMARY

OF

INDUSTRIAL POWER APPLICATIONS

FOR FISCAL YEAR ENDING AS OF JULY 1, 1943

APPROVED:

Guy W. Thaxton
CHIEF, DESIGN & CONSTRUCTION DIVISION

INDUSTRIAL AND COMMERCIAL APPLICATIONS

CLEARED BY THE INDUSTRIAL POWER SECTION

ON REA LINES

TABULATED BY TYPES OF INDUSTRY

FOR FISCAL YEAR

ENDING AS OF JULY 1, 1943

CLASSIFICATION BY TYPE OF USER	TOTAL NUMBER OF APPLICATIONS	PERCENTAGE OF TOTAL APPLICATIONS	TOTAL CONNECTED LOAD IN KW	PERCENTAGE OF TOTAL CONNECTED LOAD
I. AGRICULTURE	6	2.6%	174	0.4%
II. GOVERNMENT AND PUBLIC UTILITIES	146	63.8%	27,637	70.6%
III. MANUFACTURING AND PROCESSING	77	33.6%	11,328	29%
TOTALS	229	100%	39,139	100%

A GENERAL SUMMARY OF APPLICATIONS
CLEARED THRU THE INDUSTRIAL POWER SECTION
FISCAL YEAR ENDING AS OF JULY 1, 1943

CLASSIFICATION BY TYPE OF USER	NUMBER OF APPLICATIONS	PROPOSED CONNECTED LOAD	
		TOTAL KW	AVERAGE KW
I. AGRICULTURE	6	174	29
II. GOVERNMENT AND PUBLIC UTILITIES			
A. Federal Government	129	27,225	211
B. State and Local Governments and Services	8	292	36.5
C. Public Utilities	9	120	13.3
III. MANUFACTURING AND PROCESSING			
A. Chemicals (None)	--	--	--
B. Forest Products	5	287	57.4
C. Mineral Products	34	8,214	241.6
D. Processing and Preservation of Agricultural Products	25	1,197	47.9
E. Stone, Clay and Glass Industries	10	1,210	121
F. Textile Industries	2	150	75
G. Other Manufacturing Industries	1	270	270
H. Construction Industries (None)	--	--	--
IV. COMMERCIAL AND RECREATIONAL ENTERPRISES (None)	--	--	--
	229	39,139	170.9

INDUSTRIAL LOAD APPLICATIONS

TABULATED ACCORDING TO INDUSTRIAL CLASSIFICATION

(FOR FISCAL YEAR ENDING AS OF JULY 1, 1943)

I. AGRICULTURE

<u>TYPE OF INDUSTRY</u>	<u>SYSTEM DESIGNATION</u>	<u>CONNECTED LOAD IN KILOWATTS</u>
Stock Farm	Iowa 69 Henry	20
Large Farm	Iowa 38 Pocahontas	21
Irrigation Cooperative	Washington 39 Nespelem	22
Irrigation Pumps	Arkansas 9 Craighead	60
Salmon Cannery	Alaska 3 Kodiak	25
Worthington Rendering Plant	Minnesota 66 Nobles	26
	Total	174

II. GOVERNMENT AND PUBLIC UTILITIES

A. Federal Government

<u>TYPE OF INDUSTRY</u>	<u>SYSTEM DESIGNATION</u>	<u>CONNECTED LOAD IN KILOWATTS</u>
Marine Naval Air Station (Bogue)	North Carolina 55 Craven	30
Marine Naval Air Station (Atlantic)	North Carolina 55 Craven	30
U. S. Army Base	Virginia 22 Caroline	300
U. S. War Department	Virginia 41 Prince William	150
U. S. Army Airfield	Florida 15 Lafayette	150
Civilian Barracks	Georgia 66 Taylor	525
Shell Loading Plant	Indiana 46 Miami	500
U. S. Naval Air Base	Indiana 46 Miami	1,200
FPMA Housing	Illinois 37 Saline	45
Contractor (Airfield)	Michigan 43 Chippewa	125
U. S. Army Air Port	Illinois 29 Shelby	350
Army Air Base	Colorado 17 Prowers	600
U. S. Army Airfield	Missouri 33 Butler	3,000
U. S. Army Airfield (Frederick)	Oklahoma 15 Tillman	600
U. S. Army Airfield (Altus)	Oklahoma 15 Tillman	750

II. GOVERNMENT AND PUBLIC UTILITIES

A. Federal Government (continued)

<u>TYPE OF INDUSTRY</u>	<u>SYSTEM DESIGNATION</u>	<u>CONNECTED LOAD IN KILOWATTS</u>
U. S. Army Flying Field (Construction) (Frederick)	Oklahoma 15 Tillman	15
U. S. Army Flying Field (Construction-A) (Altus)	Oklahoma 15 Tillman	150
U. S. Army Flying Field (Construction-B) (Altus)	Oklahoma 15 Tillman	25
U. S. Army Flying Field (Construction-C) (Altus)	Oklahoma 15 Tillman	25
U. S. Army Air Base	Oregon 14 Umatilla	20
Army General Hospital	Texas 65 Rush	1,000
Bombardier School	Texas 114 Tom Green	1,000
Advance Training Field	Texas 96 Victoria	750
Weather Station	California 18 San Diego	5
U. S. Ordnance Plant (Ford-Bacon-Davis)	Texas 41 Panola	180
U. S. Ordnance Plant (Glassell-Taylor)	Texas 41 Panola	20
U. S. Ordnance Plant (Brown)	Texas 41 Panola	10
U. S. Ordnance Plant (Ramey Bros.)	Texas 41 Panola	5
U. S. Ordnance Plant (Werner Construction Co.)	Texas 41 Panola	10
U. S. Army Secret Installation	Virginia 41 Prince William	5
U. S. Army Air Base	Florida 23 Levy	150
U. S. Navy Air Base	Florida 14 Clay	150
Radio Range Station	Mississippi 28 Hancock	15
Air Support Base	Indiana 21 Bartholomew	450
U. S. Army Air Field	Michigan 28 Presque Isle	300
U. S. Army Airport	Michigan 43 Chippewa	695
CAA Airport	Iowa 14 Humboldt	1
U. S. Army Engineers	Colorado 17 Prowers	225
U. S. Army Training School	Oklahoma 31 Woodward	225
U. S. Army Air Base	Louisiana 18 Beauregard	725
U. S. Army Airport	Montana 15 Fergus (Construction)	45
Flood Lighting (U. S. Army)	California 16 Plumas	5
U. S. Army Air Base	New Mexico 9 Curry	600
U. S. Army Internment Camp	Texas 47 Deaf Smith	400
U. S. Army Anti-Aircraft Camp	Texas 96 Victoria	100
Childress Air Force School	Texas 97 Childress	750
U. S. Army Airport	Virginia 31 Mecklenburg	10
U. S. Army Bomber Base	Georgia 90 Candler	10
Air Corps Proving Ground	Florida 30 Walton	20
U. S. Radio Range Station	Florida 17 Jackson	10
U. S. Army Air Port	South Carolina 36 Barnwell	150
Ammunition Dump	South Carolina 36 Barnwell	500
U. S. Army Airport	Georgia 42 Toombs	8

II. GOVERNMENT AND PUBLIC UTILITIES

A. Federal Government (Continued)

CONNECTED LOAD
IN
KILOWATTS

<u>TYPE OF INDUSTRY</u>	<u>SYSTEM DESIGNATION</u>	<u>KILOWATTS</u>
U. S. Army Training Base Main Load	Mississippi 34 Leflore	700
U. S. Army Training Base Sewage Disposal	Mississippi 34 Leflore	25
U. S. Army Radio Beam Station	Wisconsin 25 Monroe	10
Farm Security Administration	Wyoming 10 Platte	15
U. S. Army Training Airfield	Nebraska 3 Chimney Rock District Public	100
U. S. Army Air Base	Kansas 27 Morris	300
Kearney Air Base	Nebraska 78 Dawson District Public	450
U. S. Army Training School Military Installation	Oklahoma 31 Woodward	500
U. S. Army Glider Base	Oklahoma 2 Kay	350
U. S. Army Airfield	Texas 49 Denton	30
Service U. S. Navy Airfield	Texas 49 Denton	150
U. S. Army Auxiliary Airport	North Carolina 43 Jones	30
Johns Island Air Base	Georgia 17 Burke	10
U. S. Army Bombing Area	South Carolina 25 Berkeley	100
U. S. Coast Guard	Florida 30 Walton	12
Service to Ft. Knox	Mississippi 31 Washington	1
Hooper Airport (Hooper, Nebraska)	Kentucky 51 Hardin	50
	Nebraska 51 Burt District Public	150
U. S. Army Air Base	Kansas 33 Pratt	200
U. S. Army Air Base	Nebraska 78 Dawson District Public	60
U. S. Army Advance Bomber Base	Kansas 34 Barton	250
U. S. Army Airport	Oklahoma 23 Okmulgee	600
U. S. Naval Air Base	Oklahoma 10 Cleveland	20
CMA Radio Station	California 6 Modoc	10
Marine Auxiliary Air Base	Texas 121 Brazos	100
Pre-Flight Training School	Texas 70 Hamilton	15
U. S. Army Airport	Georgia 42 Toombs	30
U. S. Army Camp	Georgia 39 Hart	510
U. S. Army Air Base	South Carolina 13 Greenwood	125
Federal Public Housing Authority	Colorado 17 Prowers	75
U. S. Army Airfield	Oklahoma 12 Alfalfa	150
U. S. Navy Department	Oklahoma 10 Cleveland	10
Glider School	Missouri 28 Barton	10
U. S. Army Supply Depot	Idaho 4 Bonner	550
Housing Project	North Carolina 43 Jones	75
U. S. Army Airport	Georgia 90 Candler	125
U. S. Army Glider School	Oklahoma 19 Craig	150
Airport	Montana 13 Flathead	10
Shipyard	Washington 9 San Juan	50

II. GOVERNMENT AND PUBLIC UTILITIES

A. Federal Government (Continued)

CONNECTED LOAD
IN

<u>TYPE OF INDUSTRY</u>	<u>SYSTEM DESIGNATION</u>	<u>KILOWATTS</u>
U. S. Navy Airfield	North Carolina 56 Pamlico	30
FHA Housing Project	Georgia 66 Taylor	100
U. S. Army Airport (Gasoline Dump)	Indiana 44 Allen	15
Oklahoma Air College	Oklahoma 6 Caddo	250
Auxiliary Airfield No. 1	Texas 53 McLennen	25
Algernon Blair Construction Company (Construction Power)	Mississippi 38 Warren	50
Enemy Alien Internment Camp	Mississippi 38 Warren	300
Cedar Rapids Airport	Iowa 53 Linn	100
Federal Public Housing Project	Oregon 14 Umatilla	350
Stand-by Service to Camp Lockett	California 18 San Diego	150
Camp Hulen	Texas 96 Victoria	120
National Bureau of Standards	Virginia 38 Loudoun	110
Pickett Court Housing Project	Virginia 27 Nottoway	15
Army Air Forces Intransit Depot	South Carolina 25 Berkeley	100
Federal Public Housing Authority	Colorado 26 San Miguel	15
Federal Public Housing Authority	Texas 97 Childress	52
U. S. Army Firing Range	Texas 102 Jackson	15
CAA Airport	Kentucky 20 McCracken	15
U. S. Signal Corps - Radio Station	Alabama 20 Baldwin	18
Veterans' Hospital	Nebraska 77 Norris District Public	750
U. S. Bureau of Mines Helium Plant	Kansas 3 Barton	20
CAA Airport	Texas 98 Young	25
CAA Airport	Texas 98 Young	300
Air Training Base	Florida 16 Sumter	35
Auxiliary Airfield	Oklahoma 27 Bryan	10
Douglas Arizona Air Base Radio Range Station	Arizona 14 Cochise	5
Auxiliary Landing Field	Arizona 14 Cochise	5
U. S. Army Bombing Range	Arizona 14 Cochise	5
U. S. Naval Air Station	North Carolina 55 Craven	100
U.S. Army Bombing Range	Florida 30 Walton	12
U.S. Army Radio Beam Station	Kansas 33 Pratt	10
Japanese Internment Camp	Nebraska 79 Redwillow	350
U. S. Army Airfield	Colorado 17 Prowers	100
U. S. Army Air Base	Colorado 17 Prowers	100
U. S. Army Internment Camp	Oklahoma 14 Love	38
U. S. Army Air Base	Washington 28 Kittitas	300
U. S. Navy Airfield	Texas 88 Nueces	3
Total		27,225

II. GOVERNMENT AND PUBLIC UTILITIES

B. State and Local Governments and Services

<u>TYPE OF INDUSTRY</u>	<u>SYSTEM DESIGNATION</u>	<u>CONNECTED LOAD</u>
		<u>IN</u> <u>KILOWATTS</u>
Village of Clayton	Illinois 30 Adams	16
Sewage Disposal	Arkansas 18 Carroll	6
Village Water System	Idaho 11 Kootenai	12
Potomac River Toll Bridge	Maryland 4 St. Marys	70
City of Plains	Georgia 45 Sumter	120
County Farm and Prison	Georgia 84 Cobb	35
Sewage Pumps	Alaska 3 Kodiak	15
City Water System (Privately owned)	Michigan 29 Ontonagon	18
	Total	292

C. Public Utilities

<u>TYPE OF INDUSTRY</u>	<u>SYSTEM DESIGNATION</u>	<u>CONNECTED LOAD</u>
		<u>IN</u> <u>KILOWATTS</u>
A. T. & T. Repeater Station	Iowa 73 Adair	17
A. T. & T. Repeater Station	Iowa 40 Marion	17
A. T. & T. Repeater Station	Oklahoma 27 Bryan	10
Pumping Station (M.K.T.R.R.Co.)	Oklahoma 19 Craig	15
Gas Company (Lighting)	Oklahoma 10 Cleveland	1
Mill Village Lighting	Texas 64 San Augustine	25
Compressor Station	Ohio 30 Marion	10
Radio Localizer Station	South Carolina 25 Berkeley	15
A. T. & T. Repeater Station	Illinois 26 Iroquois	10
	Total	120

III. MANUFACTURING AND PROCESSING

B. Forest Products

<u>TYPE OF INDUSTRY</u>	<u>SYSTEM DESIGNATION</u>	<u>CONNECTED LOAD IN KILOWATTS</u>
Lumber Mill	California 6 Modoc	40
Lumber Mill	Washington 32 Okanogan	75
Pee Dee Veneer Plant	South Carolina 27 Marlboro	125
Planing Mill	Oregon 4 Lincoln	30
Box Factory and Log Camp	Washington 30 Stevens	17
	Total	287

C. Mineral Products

<u>TYPE OF INDUSTRY</u>	<u>SYSTEM DESIGNATION</u>	<u>CONNECTED LOAD IN KILOWATTS</u>
Tin Mine	North Carolina 25 Rutherford	150
Coal Mine	Kentucky 58 Floyd	30
Coal Mine	Illinois 37 Saline	90
Fluorspar Mine	Colorado 35 Chaffee	300
Coal Mine	Colorado 31 Larimer	26
Vermiculite Mine and Milling Company	Colorado 35 Chaffee	130
Oil Pumping Station	Pennsylvania 20 Blair	150
Plantation Pipe Lines	Georgia 20 Troup	150
Oil Pumps	Michigan 42 Mason	10
Mercury Mine	Arkansas 12 Miller	40
Plantation Pipe Line	Mississippi 40 Smith	2,000
Pumping Station	Oklahoma 22 Cotton	170
Manganese Mine	Tennessee 51 Johnson	5
Vermiculite Mines	South Carolina 38 Oconee	15
Pumping Station (Fort Steele)	Wyoming 21 Carbon	50
Pumping Station (Parco)	Wyoming 21 Carbon	50
Black Rock Zinc Mine	Washington 30 Stevens	130
Mineral Mining Corporation	South Carolina 21 Lancaster	250
Sherfield Steel Company	Texas 40 Bowie	150
Dominion Manganese Corporation	Virginia 11 Rockingham	20
War Emergency Pipeline, Inc. Pumping Station #17	Ohio 65 Fairfield	3,600
Bauxite Company of Alabama	Alabama 26 Barbour	75
Coal Mine	Missouri 34 Macon	43
Zinc Mine	Missouri 30 Lawrence	50
Barytes Mine	Virginia 27 Nottoway	200

III. MANUFACTURING AND PROCESSING

C. Mineral Products (Continued)

<u>TYPE OF INDUSTRY</u>	<u>SYSTEM DESIGNATION</u>	<u>CONNECTED LOAD</u> <u>IN</u> <u>KILOWATTS</u>	
Coal Mine	Iowa 21 Guthrie	13	
Coal Mine	Kansas 31 Crawford	45	
Copper Mine	Oklahoma 28 Pawnee	7	
Oil Well Pump	Ohio 87 Wood	40	
Coal Mine	Illinois 23 Sangamon	133	
Coal Mine	Illinois 37 Saline	25	
Fluorspar Mine	Illinois 37 Saline	35	
Coal Dock and Sand House	Idaho 4 Bonner	17	
Zinc Mine	Washington 30 Stevens	15	
Total		8,214	

D. Processing and Preservation of Agricultural Products

<u>TYPE OF INDUSTRY</u>	<u>SYSTEM DESIGNATION</u>	<u>CONNECTED LOAD</u> <u>IN</u> <u>KILOWATTS</u>	
Plant Dehydrating Plant	North Dakota 19 Grand Forks	125	
Grain Elevator	Washington 18 Spokane	35	
Grain Elevator	Washington 18 Spokane	16	
Grain Elevator	Indiana 52 Ripley	25	
Canning Plant	North Carolina 49 Surry	30	
Feed Mill	Texas 54 Wood	47	
Hammer Mill	Iowa 61 Cherokee	10	
Marshall Canning Company (Pea-Viner)	Iowa 30 Franklin	25	
Feed Mill	Virginia 39 Northampton	40	
Greenwich Mill and Elevator Company	Ohio 83 Huron	77	
Foraker Grain and Feed Company	Ohio 85 Hardin	75	
Spencer Elevator (Grain)	Ohio 56 Lorain	75	
Grain Elevator and Feed Grinder	Montana 2 Cascade	15	
Grain Elevator	Minnesota 74 Norman	15	
Pea Sheller	Colorado 14 Alamosa	20	
Hammer Mill	South Carolina 37 Lexington	25	
Farmers Hybrid Seed Corn Processing	Iowa 30 Franklin	75	
Feed Mill	Wisconsin 57 Rusk	26	
War Hemp Industries	Minnesota 58 Kandiyohi	10	

III. MANUFACTURING AND PROCESSING

D. Processing and Preservation of Agricultural Products (continued)

<u>TYPE OF INDUSTRY</u>	<u>SYSTEM DESIGNATION</u>	CONNECTED LOAD
		IN <u>KILOWATTS</u>
War Hemp Industries	Minnesota 53 Waseca	20
Alfalfa Processing	Nebraska 78 Dawson	350
Alfalfa Processing	Oklahoma 2 Kay	11
Alfalfa Processing	Missouri 20 Marion	20
Feed Grinding	Iowa 62 Ida	10
Hammer Mill	Wisconsin 54 Polk-Burnett	20
	Total	1,197

E. Stone, Clay and Glass Industries

<u>TYPE OF INDUSTRY</u>	<u>SYSTEM DESIGNATION</u>	CONNECTED LOAD
		IN <u>KILOWATTS</u>
Rock Crushing	Ohio 29 Pike	45
Rock Crushing	Ohio 33 Auglaize	150
Commercial Limestone Quarry	Illinois 43 Pulaski	225
Commercial Limestone Quarry	Illinois 43 Pulaski	150
Rock Quarry	Georgia 39 Hart	80
Gravel Pit	Oklahoma 26 Harmon	15
Gravel Pit	Texas 58 Fayette	410
Gravel Pit	Texas 96 Victoria	120
Rock Quarry	Wisconsin 43 Grant	10
Rock Quarry	Florida 15 Lafayette	5
	Total	1,210

III. MANUFACTURING AND PROCESSING

F. Textile Industries

<u>TYPE OF INDUSTRY</u>	<u>SYSTEM DESIGNATION</u>	<u>CONNECTED LOAD IN KILOWATTS</u>
Cotton Gin	North Carolina 31 Halifax	40
Cotton Mill	North Carolina 34 Anson	<u>110</u>
	Total	150

G. Other Manufacturing Industries

<u>TYPE OF INDUSTRY</u>	<u>SYSTEM DESIGNATION</u>	<u>CONNECTED LOAD IN KILOWATTS</u>
Greene Electric Furnace Company	Washington 28 Kittitas	270

